

Utility Patent  
Ser. No. 09/758,097

**PLEASE INCLUDE THE FOLLOWING CLEAN VERSION OF THE AMENDED  
CLAIM(S) PURSUANT TO 37 CFR 1.121(C)(1)(I)**

- Sub B27
1. A portable projector comprising:  
a housing having a generally tubular, portable shape the overall size and shape of a conventional flashlight; and  
slide projection means mounted within said housing for projecting a slide image from a lens mounted on an anterior end of said housing;  
wherein said slide image is loaded onto currently available, conventional projection slide medium.
  2. The portable projector of Claim 1, wherein said slide projection means comprises a linear carousel mechanism for retaining a plurality of projector slides.
  3. The portable projector of Claim 2, wherein said linear carousel mechanism includes a guide rail that guides and articulates a plurality of slide gripping brackets that are spring urged by a slide advance spring tracked between each respective gripping bracket along said guide rail.
  4. The portable projector of Claim 3, wherein each respective slide is articulated and urged forward toward a projector lamp near a projection lens means toward the front of said housing.
  5. The portable projector of claim 1, wherein said housing further comprises an access door

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pivotaly affixed to said housing such as to open in a clam-shell type manner to provide access to a housing internal cavity.

6. *B* The portable projector of Claim 4, wherein said lamp assembly is pivotaly articulated to said rail in such a manner that it can be pivoted up into position between a lead slide and a next available slide in said carousel, and as a new slide is urged forward by spring action an old slide is discharged.

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7. A slide projector comprising:

- a linear carousel mechanism for retaining a plurality of projector slides;
- a guide rail aligned with said linear carousel mechanism that guides and articulates said plurality of slide gripping brackets;
- a plurality of slide advance spring, each said advance spring tracked between each respective gripping bracket along said guide rail, wherein each respective slide is articulated and urged forward toward a projector lamp;
- projection lens means toward the front of a housing;
- a housing access door pivotaly affixed to said housing such as to open in a clam-shell type manner to provide access to a housing internal cavity.

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